EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1902	micro$1lens$4 and ((trench gap) same (fill$4))	US-PGPUB; USPAT	OR	ON	2011/03/21 08:28
L2	12	("20040135875" | "20070057268" | "5936347" | "6025858" | "6353502" | "6480219" | "6498356" | "6611280" | "6724414" | "6765277" | "6844888" | "7224379").PN. OR ("7705868").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 08:47
L3	128	micro$1lens$4 and ((trench gap) same (opaque))	US-PGPUB; USPAT	OR	ON	2011/03/21 08:47
L4	59	("0000491" | "3357770" | "3522424" | "4512641" | "4632522" | "5463498" | "5465175" | "5822125").PN. OR ("6381072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 08:52
L5	204	endoscope and camera and microlens	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/21 10:13
S21	1	"20070109438".pn.	US-PGPUB; USPAT	OR	ON	2008/12/22 10:51
S22	678	348/340.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/22 10:52
S23	8046	micro near lens	US-PGPUB; USPAT	OR	ON	2008/12/22 10:52
S24	3340	micro-lens	US-PGPUB; USPAT	OR	ON	2008/12/22 10:52
S25	0	ep-0825764-$.did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/22 10:53
S26	1	ep-825764-$.did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/22 10:53
S27	76	S22 and (S23 S24)	US-PGPUB; USPAT	OR	ON	2008/12/22 13:34
S28	4639	microlens near array	US-PGPUB; USPAT	OR	ON	2008/12/23 08:24
S29	124806	"348".clas.	US-PGPUB; USPAT	OR	ON	2008/12/23 08:24
S30	558	S28 and S29	US-PGPUB; USPAT	OR	ON	2008/12/23 08:24
S31	124122	lithograph$	US-PGPUB; USPAT	OR	ON	2008/12/23 08:34

S32	680	348/340.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/23 08:34
S33	28	S31 and S32	US-PGPUB; USPAT	OR	ON	2008/12/23 08:34
S34	1	jp-2001061109-$.did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 09:33
S35	8056	micro near lens	US-PGPUB; USPAT	OR	ON	2008/12/23 11:00
S36	3344	micro-lens	US-PGPUB; USPAT	OR	ON	2008/12/23 11:00
S37	6	(S35 S36) near anamorphic	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 11:00
S38	363	pinhole near diaphragm	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:52
S39	0	S38 and S32	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:52
S40	46074	pinhole	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:53
S41	21	S40 and S32	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:54
S42	428	(S40 and (S35 S36)) not S41	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 14:13
S43	45	S42 and "348".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 14:13
S44	2	"20030214898".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:23
S45	88	liquid near lens near zoom	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:49
S46	14	S45 not projector	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:51
S47	100	348/240.2 and liquid	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:54
S48	0	359-665.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 09:42
S49	366	359/665.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 09:42

S50	8623	micro near lens	US-PGPUB; USPAT	OR	ON	2009/05/26 14:15
S51	3569	micro-lens	US-PGPUB; USPAT	OR	ON	2009/05/26 14:15
S52	190	(S50 S51) and anamorphic	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/26 14:15
S53	190	(S50 S51) and anamorphic	US-PGPUB; USPAT	OR	ON	2009/05/26 14:15
S54	1	"5682203".pn.	US-PGPUB; USPAT	OR	ON	2009/06/04 08:30
S55	2	anamorphic near micro near lens	US-PGPUB; USPAT	OR	ON	2009/06/04 08:42
S57	1	"6141048".pn.	US-PGPUB; USPAT	OR	ON	2009/06/04 08:45
S58	16	anamorphic near5 micro near lens	US-PGPUB; USPAT	OR	ON	2009/06/04 08:48
S59	3	10/411290	US-PGPUB; USPAT	OR	ON	2009/06/04 08:49
S60	18	("20020001066" | "20020135825" | "20030168679" | "20030189755" | "20030227684" | "20060102827" | "20070091453" | "4403827" | "4994664" | "5477383" | "5555129" | "5561558" | "5561683" | "5742433" | "6327086" | "6545808" | "7038184" | "7390532").PN.	US-PGPUB; USPAT	OR	ON	2010/01/19 09:40
S61	90	(active same inactive) near5 area and "348".clas.	US-PGPUB; USPAT	OR	ON	2010/01/19 09:44
S62	25	(US-20070109438-$ or US-20080239138-$ or US-20070206110-$ or US-20070187576-$ or US-20070126912-$ or US-20060072029-$ or US-20060055811-$ or US-20060044450-$ or US-20050073603-$ or US-20050024520-$ or US-20040183938-$ or US-20050041134-$ or US-20030214898-$ or US-20060192869-$ or US-20030086013-$ or US-20040218283-$ or US-20020145797-$ or US-20030095317-$ or US-20010001562-$).did. or (US-7405761-$ or US-6690049-$ or US-5682203-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2010/06/21 07:28

		7196728-$).did. or (EP-825764-$ or EP-1079613-$).did.				
S63	15	S62 and (pinhole (pin near2 hole) aperture)	US-PGPUB; USPAT; DERWENT	OR	ON	2010/06/21 07:28
S64	421	pinhole same (microlens (micro adj lens) micro $1lens)	US-PGPUB; USPAT	OR	ON	2010/07/28 09:13
S65	21	S64 and 348/207.99-376. ccls.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:21
S66	1104	pinhole and (microlens (micro adj lens) micro $1lens)	US-PGPUB; USPAT	OR	ON	2010/07/28 09:23
S67	32	S66 and 348/207.99-376. ccls.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:23
S68	5	("20040252867" | "6211916" | "7135725" | "7274808" | "7515342").PN. OR ("7728902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:25
S69	1872	camera same (credit adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:32
S70	378	camera near5 (credit adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:32
S71	35	S70 and 348/207.99-376. ccls.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:32
S72	26	camera near5 (chip adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:36
S73	61	scan$4 near5 (chip adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:37
S74	18	iris near5 (credit adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:44
S75	83	S64 and "250".clas.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:50
S76	1	("20010026322").PN.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:55
S77	1	"20060006438".pn.	US-PGPUB; USPAT	OR	ON	2010/07/28 10:00
S78	894	microlens and card	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:11
S79	840	microlens and card and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:11
S80	168	microlens and card and image and "form factor"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:11
S81	242	microlens and (card near5 (chip credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:12
S82	135	microlens and (card near5 (credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:12
S83	54	microlens and (card near5 (credit)) and vehicle	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:15

S84	866	microlens and vehicle	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:19
S85	60	microlens same image near4 captur$4 and vehicle	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:19
S86	0	microlens same image near4 captur$4 and "intelligent cockpit monitoring"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:21
S87	0	microlens same image near4 captur$4 and "intelligent cockpit monitor"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:21
S88	29	microlens same image near4 captur$4 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:22
S89	18	("20010028506" | "20020017612" | "20020075450" | "20020075450" | "20030086013" | "20030111593" | "20030156214" | "20040085598" | "20070188653" | "4783141" | "4933751" | "5200818" | "5291334" | "5439621" | "5731899" | "5812322" | "6137535" | "6137535" | "6141048" | "6765617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:25
S90	3660	image near4 sensor and (card near5 (chip credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:28
S91	2951	image near4 sensor and (card near5 (credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:28
S92	2951	image near4 sensor and (card near5 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29
S93	2936	image near4 sensor and (card near2 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29
S94	146	image near4 sensor near3 integrat$4 and (card near2 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29
S95	0	image near4 sensor near3 integrat$4 same (card near2 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29

S96	17	("20040129787" | "20040179718" | "20050232471" | "20050240778" | "20070034700" | "20080017703" | "20080237357" | "5623552" | "5991617" | "6070804" | "6194993" | "6378774" | "6434259" | "6466126" | "7049958" | "7350717" | "7424134").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:30
S97	0	"intelligent cockpit monitor"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:36
S98	1	"intelligent cockpit monitor"ing	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:36
S99	830242	intelligent cockpit monitoring	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:36
S100	108337	S99 and camera	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:37
S101	1417	S100 and (lenslet micro $1lens)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:37
S102	589	S100 and (lenslet)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:37
S103	1	"intelligent cockpit monitoring"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S104	26	"cockpit monitoring"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S105	1	S104 and (lenslet micro $1lens)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S106	4	S104 and camera	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S107	1	"20050061951".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:51
S108	1	"7027719".pn.	US-PGPUB; USPAT	OR	ON	2010/07/31 11:34
S109	2873	micro$1lens$4 and (low near3 light$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:02
S110	0	micro$1lens$4 and (low near3 light$4) same (pixel near5 spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:02
S111	20	micro$1lens$4 and (low near3 light$4) same (pixel near5 plurality)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:03
S112	18	(low near3 light$4) same (pixel near5 spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:08
S113	122	(sensitivity) same (pixel near5 spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:11
S114	190	pixel near5 spacing near5 increas$4	US-PGPUB; USPAT	OR	ON	2010/07/31 14:42

S115	24	S114 and (lenslet micro $1lens$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 14:43
S116	1	"6141048".pn.	US-PGPUB; USPAT	OR	ON	2010/07/31 14:50
S117	50	("3910683" | "4085411" | "4318123" | "4323925" | "4377753" | "4443088" | "4463383" | "4573177" | "4612521" | "4689291" | "4708436" | "4733096" | "4809075" | "4973833" | "4994664" | "5004901" | "5076687" | "5151790" | "5187358" | "5233174" | "5329312" | "5340978" | "5444483" | "5461425" | "5471515" | "5497269" | "5504621" | "5529936" | "5705807" | "5708263" | "5754056" | "5760834" | "5784178" | "5814803" | "5838176" | "5841126" | "5844238").PN. OR ("6141048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/31 14:51
S118	55	("3932184" | "4200794" | "4279690" | "4421398" | "4427265" | "4611124" | "4691993" | "4769750" | "4775967" | "4798448" | "4861140" | "4877717" | "4983040" | "4986633" | "5073041" | "5136164" | "5139609" | "5168401").PN. OR ("5497269").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/31 15:01
S119	525	edge near5 (lenslet micro $1lens$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 15:05
S120	61	pixel near5 edge near5 (lenslet micro$1lens$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 15:05
S121	123	pixel near5 edge near5 (spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 15:10
S122	6	("20050035376" | "4694185" | "5371397" | "5479049" | "5610390" | "6211509").PN.	US-PGPUB; USPAT	OR	ON	2010/07/31 15:30

S123	43	(US-20070109438-$ or US-20080239138-$ or US-20070206110-$ or US-20070187576-$ or US-20070126912-$ or US-20060072029-$ or US-20060055811-$ or US-20060044450-$ or US-20050073603-$ or US-20050024520-$ or US-20040183938-$ or US-20050041134-$ or US-20030214898-$ or US-20060192869-$ or US-20030086013-$ or US-20040218283-$ or US-20020145797-$ or US-20030095317-$ or US-20010001562-$ or US-20050155037-$ or US-20040103061-$ or US-20040061042-$ or US-20090179142-$ or US-20010026322-$ or US-20060006438-$ or US-20030111593-$).did. or (US-20040129787-$ or US-20050061951-$ or US-20060119724-$).did. or (US-7405761-$ or US-6690049-$ or US-5682203-$ or US-7196728-$ or US-7274808-$ or US-6765617-$ or US-5439621-$ or US-4783141-$ or US-5623552-$ or US-7027719-$ or US-6141048-$ or US-6750437-$).did. or (EP-825764-$ or EP-1079613-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/16 12:37
S124	5	monolithic and S123	US-PGPUB; USPAT	OR	ON	2011/03/16 12:37
S125	7	lithog$7 and S123	US-PGPUB; USPAT	OR	ON	2011/03/16 12:42
S126	3251	monolithic near5 plate	US-PGPUB; USPAT	OR	ON	2011/03/16 12:50

S127	1037	S126 and (Camera imager "image sens$3" "image pickup" "solid state sensor" "solid state image sensor" ssid "photoelectric converter" (imaging near (device system apparatus)) (image near captur$3 near (device system apparatus)) (image near sensing near (device system apparatus)) (CCD (charge$1 adj couple $1)) ((video pixel) adj sensor) "imaging unit" (module near5 (image imager imaging)))	US-PGPUB; USPAT	OR	ON	2011/03/16 12:50
S128	1	S123 and S127	US-PGPUB; USPAT	OR	ON	2011/03/16 12:50
S129	136	348/207.99-376.ccls. and S127	US-PGPUB; USPAT	OR	ON	2011/03/16 12:51
S130	19	"250".clas. and S127	US-PGPUB; USPAT	OR	ON	2011/03/16 12:53
S131	17	"257".clas. and S127	US-PGPUB; USPAT	OR	ON	2011/03/16 12:55
S132	3251	monolithic near5 plate	US-PGPUB; USPAT	OR	ON	2011/03/18 09:40
S133	134	S132 and micro$1lens$4	US-PGPUB; USPAT	OR	ON	2011/03/18 09:40
S135	663	monolithic and micro$1lens $4 and (imag$4 near5 sens $4)	US-PGPUB; USPAT	OR	ON	2011/03/18 09:44
S136	61	(monolithic same micro $1lens$4) and (imag$4 near5 sens$4)	US-PGPUB; USPAT	OR	ON	2011/03/18 09:46
S137	3122	micro$1lens$4 and ((trench gap) same (fill$4 film anti $1reflect$4))	US-PGPUB; USPAT	OR	ON	2011/03/18 10:52
S138	151054	"348".clas.	US-PGPUB; USPAT	OR	ON	2011/03/18 10:53
S139	273	S137 and S138	US-PGPUB; USPAT	OR	ON	2011/03/18 10:53
S140	170	micro$1lens$4 and ((trench gap) same (anti$1reflect$4))	US-PGPUB; USPAT	OR	ON	2011/03/18 10:56

S141	26	("20020001128" | "20030107805" | "20030137620" | "20030214459" | "20040008251" | "20040119896" | "20040196560" | "20050073577" | "20050200781" | "20050243253" | "20060098281" | "20060152812" | "20060164578" | "20060238863" | "20070058127" | "4404471" | "4957351" | "5663831" | "5666226" | "5969850" | "6204967" | "6215594" | "6297911" | "6459532" | "7139042" | "7199845").PN. OR ("7813042").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/18 13:05
S142	22	microlens same trough	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/18 13:16
S143	49	microlens same (optical$4 near5 isolat$4)	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/18 13:22

EAST Search History (Interference)

< This search history is empty>

3/21/2011 11:56:08 AM
C:\ Documents and Settings\ jflohre\ My Documents\ EAST\ Workspaces\ 10581943.wsp